

Art Unit 2653
Serial No. 10/633,145

PATENT
Attorney Docket No.: K35A1301

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A head stack assembly for a disk drive, comprising:

- a stamped actuator arm;
- ~~a coil portion attached to the stamped actuator arm;~~
- a head gimbal assembly attached to the stamped actuator arm, the head gimbal assembly including a trace suspension flex having a metal base layer and a plurality of conductors supported by the metal base layer;
- the stamped actuator arm including:
 - ~~a bore defining a pivot axis;~~
 - an actuator arm side surface extending longitudinally along the stamped actuator arm; and
 - a plurality of longitudinally spaced-apart stamped protrusions, the stamped protrusions being in contact with ~~for supporting~~ the trace suspension flex, each stamped protrusion extending from the actuator arm side surface in ~~a direction generally perpendicular to the pivot axis,~~ and the plurality of stamped protrusions being an integer in a range between 2 to 3.

Claim 2 (currently amended): The head stack assembly of claim 1, wherein the integer ~~is 2~~ stamped actuator arm further includes a top surface extending longitudinally along the stamped actuator arm, and each stamped protrusion extends from the actuator arm side surface in a direction that is generally parallel to the top surface.

Claim 3 (currently amended): The head stack assembly of claim 1, wherein the integer ~~is 3~~ the trace suspension flex is attached to at least one of the stamped protrusions.

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Claim 4 (currently amended): The head stack assembly of claim ~~3~~ 1, wherein at least one of the stamped protrusions are generally equally spaced apart longitudinally along the actuator arm side surface has a thickness that is substantially less than that of the stamped actuator arm.

Claim 5 (currently amended): A disk drive comprising:

- a disk drive base;

- a spindle motor attached to the disk drive base;

- a disk supported on the spindle motor;

- a head stack assembly rotatably coupled to the disk drive base;

- the head stack assembly including:

 - a stamped actuator arm;

 - ~~a coil portion attached to the stamped actuator arm;~~

 - a head gimbal assembly attached to the stamped actuator arm, the head gimbal assembly including a trace suspension flex having a metal base layer and a plurality of conductors supported by the metal base layer;

 - the stamped actuator arm including:

 - ~~a bore defining a pivot axis;~~

 - an actuator arm side surface extending longitudinally along the stamped actuator arm; and

 - a plurality of longitudinally spaced-apart stamped protrusions, the stamped protrusions being in contact with for supporting the trace suspension flex, each stamped protrusion extending from the actuator arm side surface ~~in a direction generally perpendicular to the pivot axis~~, the plurality of stamped protrusions being an integer in a range between 2 to 3.

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Claim 6 (currently amended): The disk drive of claim 5, wherein ~~the integer is 2~~
stamped actuator arm further includes a top surface extending longitudinally
along the stamped actuator arm, and each stamped protrusion extends from the
actuator arm side surface in a direction that is generally parallel to the top
surface.

Claim 7 (currently amended): The disk drive of claim 5, wherein ~~the integer is 3~~ the
trace suspension flex is attached to at least one of the stamped protrusions.

Claim 8 (currently amended): The disk drive of claim ~~7~~ 5, wherein the Integer is 3 and
the stamped protrusions are generally equally spaced-apart longitudinally along
the actuator arm side surface.

Claim 9 (new): The disk drive of claim 5, wherein at least one of the stamped
protrusions has a thickness that is substantially less than that of the stamped
actuator arm.